

WRITTEN AMENDMENTS
(Amended under the provision of Article 11)

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1. Display of International Application
PCT/JP03/12863
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4. Sections to be Amended
Claims
5. Content of Amendments
(1) As in the appended pages, claims 1 and 2 are amended.
(2) As in the appended pages, claims 39 to 43 are added.
6. List of Appended Documents
Pages 25, 25/1 and 29/1 of the claims are new¹.
1 each

¹ Translators note. These correspond to pages 24 and 29/1 of the English translation

CLAIMS

1.(amended) A manufacturing process for a resin composition
comprising a kneading step of kneading a thermoplastic resin and an
5 additive under heating, wherein, prior to the kneading step, the
manufacturing process further comprises a preliminary step of
pre-heating and mixing the thermoplastic resin and the additive, and
transition of the mixture obtained in the preliminary step to the kneading
10 step is carried out at a temperature that is lower than a softening
temperature of the thermoplastic resin while maintaining a temperature
reached at the end of the preliminary step, and then kneading is carried
out.

2.(amended) A manufacturing process for a resin composition
15 comprising a kneading step of kneading a thermoplastic resin and an
additive under heating, wherein, prior to the kneading step, the
manufacturing process further comprises a preliminary step of
pre-heating and mixing the thermoplastic resin and the additive, and the
mixture obtained in the preliminary step is transitioned to the kneading
20 step in a heated state at a reduced temperature that is lower than a
temperature reached at the end of the preliminary step and lower than a
softening temperature of the thermoplastic resin, and then kneaded.

3. The manufacturing process according to claims 1 or 2, wherein,
25 when the mixture at the end of the preliminary step has a temperature of
X (°C) and the mixture at the time of transition to the kneading step has a
temperature of Y (°C), the condition of the formula (I) below is satisfied

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$$0 \leq (X - Y) \leq 100 \quad (I) .$$

4. The manufacturing process according to claims 1 or 2, wherein the
preliminary step has a heating temperature in the range of 100 to 250°C.

5. The manufacturing process according to claims 1 or 2, wherein the
35 mixture at the time of transition to the kneading step has a temperature
in the range of 30 to 200°C.

39. (new) The manufacturing process according to claims 1 or 2, wherein the stirring speed in the preliminary step is in the range of 400 to 1000 rpm.
- 5 40. (new) The manufacturing process according to claims 1 or 2, wherein the additive is a particulate additive.
41. (new) The manufacturing process according to claims 1 or 2, wherein the mixture obtained in the preliminary step is a homogeneous
10 mixture of the additive and a thin film of the thermoplastic resin.
42. (new) The manufacturing process according to claim 41, wherein the thermoplastic resin is pellet-shaped at the beginning of the preliminary step, and in the preliminary step the pellets are formed into a
15 thin film by heating.
43. (new) The manufacturing process according to claims 1 or 2, wherein the mixture obtained in the preliminary step is a homogeneous mixture of the additive and a powder of the thermoplastic resin.
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